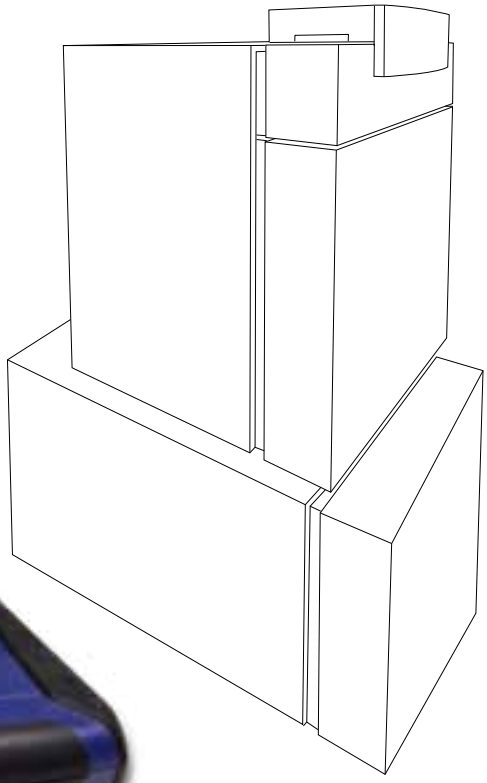
WÖHLER

FULL FEATURED - PRICED RIGHT
Printer included!



GET A GRIP ON COMBUSTION WITH ONE HAND.

Wohler A 400 L

FLUE GAS ANALYSIS

2 YEAR WARRANTY[1]

The Measure of Technology

WOHLER A 400 L FLUE GAS ANALYZER

FEATURES AND BENEFITS

- All combustion data values on an bright full color display
- Integrated magnetic holder
- Technician friendly 4 button keypad
- Ergonomic shape: comfortable one hand operation

SAFETY / RELIABILITY

- Integrated 4-filter technology including water stop filter, cotton filter, sample conditioner and sensor protection
- 2 year full warranty instrument including sensors[1)]

DATA MANAGEMENT

- Memory for 100 customer records
- Date and time stamp

VARIETY OF APPLICATIONS

- Combustion and Efficiency Analyzer for residential and light commercial applications
- Wohler Tuning Guide with graphical support
- Flue Gas CO Tester (CO air free)
- Differential Manometer for chimney draft and appliance manifold pressure
- Ambient CO Analysis
- Dual CO Analysis (ambient and air free)
- Dual Thermometer
- Dual Manometer

TECHNICAL DATA

Oxygen (O_2)
Sensor type.....electrochemical
Range.....0.0...21.0 Vol.-%
Resolution.....0.1 Vol.-%
Accuracy.....±0.3 Vol.-%

Carbon monoxide (CO)
Sensor type.....electrochemical
Range.....0...10,000 ppm
Resolution.....1 ppm
Accuracy.....±10 % f.m., absolute ±40 ppm

Draft / Differential Pressure (PD)
Units.....inWC / psi / Pascal / mbar
Range.....±40 inWC
Resolution.....0.004 inWC
Accuracy.....±2 % f.m., absolute ±0.02 inWC

Flue Gas Temperature (T_S)
Unit .....°F / °C
Sensor type.....thermoelement (NiCr-Ni)
Range.....-4 °F...1472 °F
Resolution.....0.2 °F
Accuracy.....32...257 °F: ±4 °F
257...482 °F:±6 °F
482...752 °F: ±8 °F
252...1472 °F: ±1.5 % f. m.

Air Temperature (T_A)
Unit .....°F / °C
Sensor type.....semiconductor (Si-PTC-Ni)
Range.....-4 °F...248 °F
Resolution.....0.2 °F
Accuracy.....±2 °F

Calculated Values
Efficiency / Stack loss .....efficiency and losses calculated in accordance to ASME standards
ETA / QS .....efficiency and losses calculated in accordance to EN European standards
CO_2 in Vol.-%: range 0 – CO_{2max}, resolution 0.1 %
CO_c: CO concentration (CO corrected) air free, adjustable O_{2ref} reference level
Dew point .....in °C / °F
λ / EA.....Lambda λ (theoretical air), Excess Air
Work temperature .....+41 °F...104 °F
Storage temperature .....-4 °F...122 °F
Battery lifetime.....> 10 h (NiMH, 2000 mAh)
Weight.....1.4 lbs.
Size .....8.1" x 3.3" x 8.7" (without probe)
Length cable-hose .....67"

[1)]except thermocouple and batteries

Wohler A 400 L	Qty
Wohler A 400 L Kit USA version Wohler A 400 L, disposable AA batteries, Wohler TD 100 Thermal Printer, plastic case	
P/N **4625**	

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